GOLD, SILVER AND COPPER

An Important Meeting-Some Heavy Pieces of Gold - Notes and Personals From Different Parts of the Country.

The following memorial to congress, adopted by the Miners' association at their meeting just closed in San Francisco, and published in the Chronicle, will be of interest to placer miners of the

country. It represents:
That there are in the state of California numerous volcanic-capped mountain ridges which contain underneath the volcanic capping ancient river channels, with a bottom layer of gold-bearing gravel, which is sought by the miner and worked by the so-called drift-mining process, said process involving an expensive system of unneling or deep-shaft sinking through parren material before the pay-lead may be attacked. The drift miner must locate his claim upon the surface of the barren volcanic capping, and in order to justify the extraordinary expense of the "dead work" in opening the claim, there must be included in the enterprise a consider-able length of the pay lead, requiring a number of locations to cover it.

Experience shows that the drift miner finds it practically impossible to secure a title to such a group of claims until the mine is almost worked out, owing to the recent rulings of the commissioner of the land office and the secretary of the interior to the effect that "the presumption that the old-bearing channel extends under said hills, or that it contains gold in appreciable quantities will not answer, and the miner must show the actual existence of the gold"—in other words, the existence of the gold must be shown by actual development in each one of the locations separately before the land office will adnit its mineral character and proceed to sue patent therefor. The drift miner is terred from obtaining a patent until his mine is nearly worked out, having no guarantee for title in the meantime.

Congress is hereby respectfully re-quested to so alter the mining laws, at east insofar as they affect drift mining, that the drift miner may be able to obtain title expeditiously. Let the practice of the land office be so altered that patent may issue to a group of consolidated and contiguous claims upon mineral land, pro-vided an actual discovery is made upon any one of them, since the present condi-tions are such as to deter labor and capital from opening, developing or working this important field of the gold-mining in-dustry. Naturally, capital requires a showing of title. Under present rulings title cannot be shown until the mine is practically worked out, and consequently enterprise is stopped. It is respectfully suggested that to meet this difficulty congress might take the necessary steps to determine definitely what shall be re-garded as mineral and what as non-min-

BUTTE MINES.

New Method of Treating Ore-Good Show-

BUTTE, Nov. 20.—John Cooke of Silver-ton, Col., is the inventor of a new process for the treatment of silver ores, which has aroused great interest among the silver men in Butte, and is being looked into with considerable interest. The process is essentially a new one, although some-thing very much like it has been in use in some chemical laboratories in the past. The Orbit records who have been seriously con-Ophir people, who have been serio templating the erection of a mill for some time, are particularly interested in the process and Supt. Frank Lamson have it thoroughly experimented with in order to determine whether or not it is more profitable than the present system. The following description of Mr. Cook's

treatment is given by an exchange:

The ore is first crushed and ground into powder as fine as the flour used in baking. The powdered ore is placed in roasting and heated to a red heat, thus driv ing off all substances that can be vaporized by heat, and it comes from the ovens in apparently the same form in which it went in—that is, pulverised ore. Now comes the interesting part of the process. In the mill are found eight huge vats, arranged in pairs. These vats being upon a steep incline, the first pair sit, as it were, on a step, the second pair on what might be called a second step, with the tops reaching the bottoms of the first pair, and so on for the four pairs. Just above the first pair of vats is found a large bin of salt. The first pair of vats is filled with hot water and salt, making a hot brine to which other chemicals are added, which chemicals are unknown to anyone except Mr. Cook himself. In each of the second pair of vats is found a pair of canvas botloms arranged with a space between

On the upper canvas bottom the roasted ore mentioned above is thrown and the chemically prepared brine is run in from ove, when the chemicals used in the solution break up the combination in the ore in such a way as to allow an element of the salt to unite with the silver, which compound being readily soluble, runs off in solution to the next pair of vats below. These, the third pair of vats, are supplied with large plates of copper, weighing 250 pounds each. This copper has an affinity for the silver compound, which it immediately attracts to its surface. The silver, which has a white appearance, can readily be seen collecting on the copper. When all the silver has been collected from the solution, the cop-per plates are removed and the silver scraped from their surface. Near the third pair of vats is found a press where the silver compound is pressed into bricks. Outside of the mill is a neat brick building, resembling an assay office, where the bricks are reflued and the process is completed. Going back to the vats, the solution from the third pan, after all the silver has been attracted out by the copper plates, is run into a fourth pair of vats and from there pumped back into the first pair to be used again, thus allowing

of no waste. The assayers for the different companies are now making experiments with the new process in the hope of discovering some improvement on it, as it is only in this way that new methods of treating ore are found. The question of the chemicals used by Mr. Cooke in preparing the brine

is no improvement on the old, but this may not be the case.

Superintendent Hall of the Alice have in some way gained possession of the left hind foot of a rabbit killed in the the left hind foot of a rabbit killed in the northeast corner of a deserted graveyard, in the dark of the moon, or some other lucky token, for the properties which are under his efficient management are enjoying a run of exceptional good fortune just now. The recent acquisition of the Boston was certainly a master stroke on Mr. Hall's part. It is panning out beyond all expectations, and is now the richest allver mine in the camp, with the possible exception of the Ophir. The crosscut reached the lead a few days ago, and drifting on it is now in progress. The ore has been gradually growing richer ever since the vein was struck. The Alice is keeping up well, and about 100 tons of ore, running from 25 to 75 ounces, are taken out of the old stand-by every day. The big mill has all it can do to keep the bins clear, and the Alice properties all bear an unmistakable air of prosperity.

A new company has just secured a lease and bond on the Ella claim, adjoining the Trevonia, and is now putting in a 50-horse power boiler and other new machinery. Operations will be commenced in earnest about the last of the week and the shaft

about the last of the week and the shaft will be sunk an additional 90 feet, its present depth being 110 feet. The Ella has been worked rather extensively for a small mine in the past and has produced some very fine ore.

The Kitty Norris closed down last Wednesday after losing for Messrs. Olds & Co. considerable money. This property has been in operation for about a year, and for a time produced some high-grade ore, but it proved to be in bunches.

Gansberger and Fitzgerald yesterday disposed of their one-sixth interest in the Niagara to James W. Forbis for \$14,000. The Forbis brothers will proceed at once to work this property, which is developed to the 250-foot level and gives every indication of becoming a big producer of rich ore.

ore.

The Niagara is now the subject of a lawsuit, it being claimed that \$242,000 worth
of ore has been taken out of it through
the Black Rock shaft.

H. C. Carney & Co. have secured a lease
on the Wapello, which is owned by the
Butte & Boston and located just west of
the Lexington, and everything is in readiness to commence work at an early date.
Finnegan and Rising have taken a third
man into partnership with them and are
now at work on the Florida, which has
been a very rich producer in the past, and
it promises to prove a bonanza to the new
owners.

it promises to prove a bonanza to the new owners.

The Ophir is running along at its accustomed gait with a force of about 60 men. Some very fine ore is being taken out, and a sample running 1.276 ounces occupies a conspicuous position in Superintendent Lamson's office. The distressingly low price of silver is felt strongly here, and a great deal of good ore is being left in the stopes because it will not pay to take it out with silver at 85.

The lease on the Eveline, held by Rees, Wampler & Co., will expire the last of this month, after which the owners of this property will work it themselves. A rich strike was made here recently.

Sinking is in progress at the Kerry, which is owned by the Carroll estate and Robert Greer, and is being worked by the latter. The shaft is down 60 feet and as soon as the 100-foot level is reached crosscutting will be commenced.

The largest mass of gold ever found in California was that dug out at Carson Hill, Calaveras county, in 1884. It weighed Hill, Calaveras county, in 1884. It weighed 195 pounds. Other lumps weighing several pounds were found at the same place. August 18, 1860, W. A. Farish and Harry Warner took from the Monumental quartz mine, Sierra county, a mass of gold and quartz weighing 133 pounds. It was sold to R. B. Woodward of San Francisco for \$21,836.52, It was exhibited at Woodward's gardens for some time, then was melted down. It yielded gold to the value of \$17,-654.94.

August 14, 1858, Ira A. Willard found on the west branch of Feather river a nugget which weighed 54 pounds avoirdupois before and 49½ pounds after melting. A nugget dug at Kelsey, El Dorado county, was sold for \$4,700. In 1864 a nugget was found in the Middle Fork of the American reighed 18 pounds 10 ounces and was sold for \$4,204 by the finder. In 1850 at Corona, Tuolumne county, was found a gold-quartz nugget which weighed 151 pounds unces. Half a mile east of Columbia, Tuolumne county, near the Knapp ranch, a Mr. Strain found a nugget which weighed 50 pounds avoirdupois. It bielded \$8,500 when melted. In 1849 was found in Sullivan's creek, Tuolumne county, a nugget that weighed 28 pounds avoirdupois. In 1871 a nugget was found in Kanaka creek, Sierre county, that weighed 96 pounds. At Rattlesnake creek

the same year a nugget weighing 106 pounds 2 ounces was found. A quartz boulder found in French gulch, Sierra county, in 1851, yielded 88,000 in gold. In 1867 a boulder of gold quartz was found ot Pilot Hill, El Dorado county, that yielded \$8,000 when worked up. It was found in what is known as the "Boulder Gravel" claim, from which many smaller gold-quartz nuggets have been taken at various

Outside of California few nuggets of note have been found in any of the Pacific coast states and territories. The largest nugget ever found in Nevada was one taken out of the Oscela Placer mine about 20 years ago. It weighed 24 pounds and is supposed to have contained nearly \$4,000 in gold. A hired man found and stole it, but repenting, gave up to the owners in a month or two over \$2,000 in small bars—all he had left of the big chunk. In the same mine, about a year ago, a nugget worth \$2,190 was found. ntana's largest nugget was one found by Ed Rising at Snow Shoe gulch, on the Little Blackfoot river. It was worth \$33,56. It lay 12 feet below the surface and about a foot above the bedrock. Colorado's biggest nugget was found at Breckenridge. It weighed 13 pounds, but was mixed with lead carbonate and quartz.-San Francisco Chronicle,

Notes From the "Husbandman." The news from Castle is that the Cum-berland management has drawn the

pumps and closed the mine.

White Sulphur Springs is located in the center of one of the finest copper districts in the Rocky mountain region, and when these mines are worked as they must soon be the fluctuation in the price of silver will not affect the prosperity of our town, but it will move steadily onward from

great to greater achievements. is believed the display of copper ores of Meagher county at the world's fair will surpass that of any other county in the state. There are two huge chunks in transit weighing nearly half a ton each that will surpass in richness any copper ore found elsewhere in the state. One of the most important one. If either nitric or sulphuric acid is used, it seems to be the general opinion that the new process the chunks comes from the renowned mines of Copperopolis, 16 miles east of White Sulphur Springs, and the other from Sheep creek district, 16 miles north.

The Copperopolis chunk came from the Copper Duke mine, which shows full three Copper Duke mine, which shows full three and a half feet of ore, while the one from Sheep creek district is from a no less promising vein. There are also numerous small pieces, and the whole will make a pyramid that will do credit to Montana and to Meagher county.

PERSONAL.

Captain Couch of the Boston & Mon-tana, Superintendent J. E. Gaylord of the Parrot smelter, Superintendent Ben Tib-bey of the Parrot mine, and H. E. Driggs, a mining man of Butte, were registered in Salt Lake Saturday.

Haynes & Canovan of this city are nego-iating to bond the Summit mine, in Highland district.

F. G. Brown of Blue Eyed Nellie fame was here Saturday.

The Dorland brothers will work mines in the district west of the city this winter, James Ritchie is in the Kootenai cou

M. W. Sills will work his quartz mine next summer.

George Brown, formerly of this city, and Jack Carney have some promising pros-pects in the Kootenai country. Johnnie Kern will drift his bar in High

and this winter. H. S. and Will Clark are working force of men near the famous Nevins mine in Highland guleb. Rod Leggat has the finest strip of placer ground in the state. It is the principal

portion of Highland guleb. Joe Armstrong and Representative Walkup own good property in Deer Lodge

Sheriff-elect Nelson is destined to become a millionaire as his mine in the Acme district develops.

George Townsend cleared a handsome profit from his ore run this summer. The ore was taken from the head of Humbs

CHEAPADVERTISEMENTS

Advertisements under this head one cent per word each insertion; special rates on contract for definite periods. No advertisement accepted for less than 25 cents.

EMPLOYMENT AGENCIES.

EMPLOYMENT AGENCY—The People's Employment Agency supplies hotels, clubs restaurants, private families, railroads and contractors with practical help of all kinds on short notice. 22 Owsley Block, Butta. Take elevator. Telephone 208.

FOR RENT.

ARGE, sunny, well furnished rooms, \$10 po month, at the Silver Bow house, 23 Sout Main street, Butte. FOR RENT - Furnished rooms for house keeping: also single and ea suite; on motor line. 426 Utah avenue, Butte.

FOR SALE

FOR SALE—The horse Sorrei Dick; is a good saddie or driving horse. Inquire of William McAvoy, Meaderville. FOR SALE—Furniture in good condition for complete housekeeping in 3-room cottage; party going East. Apply 500 N. Main.

FOR SALE—A pair of five-year-old horses for sale cheap; weight 2,5 %. Apply at 233 West Park avenue.

L OST—Two hundred and twenty shares of Champion mining steek. Finder piezze return to Lew Coleman, Postmaster Deer Lodge. L OST—Silver watch and chain as corner Park and Montana streets, Butte; finder return to Standard office and receive \$5 reward. WANTED-HELP.

WANTED-First class plumter. Inquire J. A. Hasley, Anaconda.

MISCELLANEOUS

\$300 Wanted -- Young man with the ness, Address postoffice box 472, Butte, Mon SHORTHAND — Munson's system taught.

S Day and evening classes, at 18-22 West Granite street, Butte, Mont. Macdougall & Johns-

MIZPAH. MEDIUM—Well known in Butte seven years ago; her telling of the murder of Gurry by Ludwig and many other prophedes came true. 502 North Main street, Butte. TTENTION, CONTRACTORS-Wanted im

A mediately, five hundred teams for contract work, or to work by the day, on the Butte, Ana-conda & Pacific railroad. Apply to Toole & Twohy, Anaconda, Mont.

STATISTICS show that one in rous has a weak or diseased Heart. The first symptoms are short breath, oppression, fluttering, faint and hungry spells, pain in side, then somethering, swellen nankles, dropsy (and death) for which Dit. MILES NEW HEART CUEF is a marvelous remedy, "I have been troubled with heart disease for years, my left pulse was very weak, could at times carpely fed it, the smallest excitement would always weaken by nerves and heart, and a fear of impending death stared me in the face for hours. Dit. MILES NERVINE and NEW HEART CUEF is the only medicine that has proved of any bendit and cared me. L. M. DYER, Cloverdale, Md. My wife has been taking Dr. Miles New Core for My wife has been taking Dr. Miles' New Core for the Heart. She thinks it is wonderful. She has not been troubled with pain or amothering spells since using it. We have also used Dr. Miles' Phile, and we find them all they are claimed to GEO. L. FINK, Philadelphia, Pa. I recommend Dr. Miles' New Heart Cure. It cured me after suffering for years with heart disease. JOSEPH MAISH, Cedar Rapids, 1000.

Sold on a positive guarantee. Dr. Miles' Liver Pills are a sure remedy for Billousness and Torpid Liver, 50 Doses 25 cents, Pinebook on Heart Discuss, with won-derful cares Free at druggists, or address DR. MILES' MEDICAL CO., Elkhart, Ind.

Sold by the Newbro Drug Co., Butte, and the DOCTOR



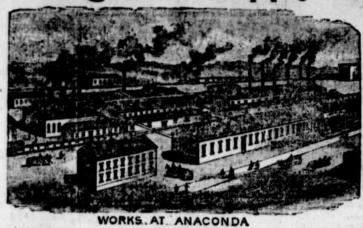
CURE CONSTIPATION.
Small, pleasant, a favorite with the indies.
W. H. HOOKER & CO. & West Broadway, S. Y.

TUTTLE

Manufacturing and Supply Company.

And Electrical

Machinery and Supplie



Milling And Concentrating MACHINERY

landone the soje con Sea

per wai dry ado able mos gets with boo as s Por boo the squ the mare with weak soft will weak soft that fact not in Fur

blas pist Bra ing. dru alse fire righ pit the hea with and ger hen is k

mer at l mos cele thei Wh sels fill a

was mo ten was tha ava

ANACONDA.

BUTTE.

MISSOULA.

J. T. CARROLL COMPANY,

ANACONDA, MONTANA.

Manufacturers of

Lumber. Lath, Shingles. Doors, Windowsand Mouldings.

Flour, Hay, Grain, Feed and Coal. Bain and Sweet Wagons and Extras,

Buggies, Carriages, Road Carts. Harness, Saddles, Robes, Whips, Etc.

> Oliver Chilled and Steel Plows. All kinds of Agricultural Implements and Extas.

Dealers In

J. T. CARROLL. General Manager.

PROFESSIONAL CARDS.

DR. E. J. LEONARD.

DISEASES OF WOMEN AND CHILDREN specialty. Also of nose, throat and lungs,

and pervous system. OFFICE HOURS: 9:30 A. M. TO 7 P. M. No.515 N. Main St., near Woolman, Butte, Mont.

F. P. CHRISTMAN, D. D. S.

Office, First Street, between Main and Oak, TEETH EXTRACTED WITHOUT PAIN-

By a new process. All Classes of Dental Work executed in first-class manner. Artificial Teeth Without Plates.

DR. N. S. SNYDER,

Physician and Surgeon of St. Ann's Hospital and Montana Union Railroad

Cor. Main and Third Stroots

DR. P. J. LACHAPELLE.

Office No. 17 Mahoney Street, BUTTE CITY, MONTABA

Eye and Ear and Private Diseases a Special

N. J. MCCONNELL & CO.,

ARCHITECTS.

Leave all communications, orders for plans and specifications, with cierk at Montana Hotel. They will receive prompt attention.

T. A. GRIGG, M. D., OCULIST.

TREATS EYE, EAR, NOSE, THROAT, And Diseases of the Chest. Practice limited to these diseases except in consultation.

Office hours, 9 to 12 a.m., 2 to 4 and 7:30 to 9 o'clock p. m.,
No. 303 North Main street. Rooms 9 and 10, in Drs. Hammend & Wells' old stand, Butte,

DROF. P. RASMUSEN,

Instructor in

INSTRUMENTAL MUSIC, VIOLIN, FLUTE AND BRASS INSTRUMENTS.

Will furnish music for balls and parties, Would be pleased to have those interester in music call on me at Commercial Hotel, Ana-conda.

WM. L. MOGE. M. B. BROWNLEE, R. C. CHAM-BERS, MARCUS DALY, F. E. SARGEANT. HOGE, BROWNLEE & CO.,

BANKERS, BUTTE CITY, MONT.

Transact a General Banking Business, change drawn on all the Leading Cities of Europe. COLLECTIONS PROMPTLY ATTENDED TO.

Correspondents: Wells, Fargo & Co., New Fork; Wells, Fargo & Co., Sait Lake; Wells, Fargo & Co., San Francisco; Omaha, National Bank, Omaha; First National Bank, Omaha, FIRST NATIONAL BANK, ANACONDA.

LOST MANHOOD Calebrated Exclisi Reserve



NERVIA. Warranted to cure or money refunded.

money refunded.

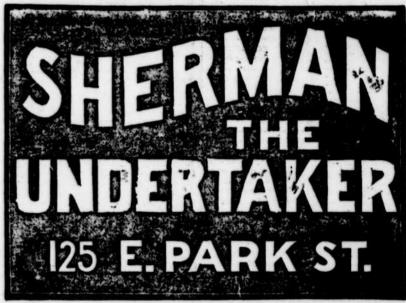
It is sold on a positive guarantee to cure any form of nervous prostration or any disorder of the genital organs of the genital organs of the genital organs of Tobacco. Alcohol or Opium, or on account of youthful indiscretion or over indulgence etc. Dizriosas. Convulsions. Wakefulness, Headacha Memory, Bearing Down Pains, Seminal Weakness, Hysteria. Nocturnal Emissions. Spermatorrhora. Loss of Fower and Impotency, which if neglected may lend to premature old age and insanity.

Fositively guaranteed. Price, \$1.00 a box: 6 boxes for \$5.00. Sent by mail on receipt of price. A written guarantee furnished with every \$5.00 order received to refund the money if a permanent cure is not decided.

NERVIA MEDICINE CO. Detroit, Mich. For Sale in Butte, Montana.

—at WEST SIDE PHARMACY.—

R. N. PAXSON, Manager.



Prompt and Efficient Attendance. sale and Retail Dealer in Undertakers' Supplies. Bodies Carefully Embals Shipped to all parts of the United States and Europe. LADY ASSISTANTS.

Open Day and Night

THE COTTAGE HOTEL, · · · · ·

Cor. Dakota and Galena Ste This hotel will be run on the Europe strictly first-class manner. Rooms light, newly papered, painted and furnished throughout. Every convenience for the comfort of guests, Rates liberal. Now open under the management of

An Excellent Restaurant Run in Connection.

SAM AYOTTE.

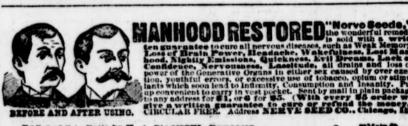
NOW LOCATED IN BUTTE



PERMANENTLY CURED OR NO PAY.

No detention from busines 600 patients and Six National Banks. Investigate our method, Written Guarantee to bsolutely Cure all kinds of RUPTURE of both sexes, thout the use of KNIFE OR SYRINGE, no matter how long standing. EXAMINATION FREE.

THE O. E. MILLER COMPANY. Butte Office, northwest cor, Main and Park Streets r Jacobs' clothing store, Room 15, entrance on Page cet. Office Hours, 9 to 12 a. m., 2 to 5 p. m. SEND FOR CIRCULAR.



FOR SALE in Butto by H. A. D'ACHEUL DRUGGES. Se Anaconda by THE SMITH DRUG CO. .

MARCUS DALY, Vice President, W. M. THORNTON, Cashler, First National Bank

OF ANACONDA, MONT.

Buy and sell Domestic and Foreign Exchange and transact a General Fanking Business. Col-lections promptly attended to. Exchange drawa on London, Edinburgh, Glasgow, Dublin, Bei-fast, Paris, Hamburg, Berlin and all the Lead-ing Cities of Europe. CORRESPONDENTS: CORRESPONDENTS:
American Exchange National Bank New York
Omaha National Bank Omaha
Weis, Fargo & Co San Francisco
Utah National Bank Ogden
Hoge, irowniee & Co Ibute
Merchangs' National Bank Heern
Larabie Bros. & Co Deer Lodge

BUSINESS CARDS. CHARLES HOUCE,

DEALER IN REAL ESPATE AND MINING STOCK

-Schroeder's Block-

PIRST STREET. . . ANACONDA.

J. MeGUIRE,

BUILDER

· III Main

Buildings of all kinds on Installment Plan. QUARTE MILLS, HOISTS, ORE HOUSES, ETG. Setting Mine and Mill Machinery a Specialty.

All work by the fest workmen and fully guaranteed. Mine years experience in Butte and Ana-

Omce. 15 West Granite Street. Vostoffice Address, South Butte, Montage